

SEQUENCE LISTING

<110> Lyamichev, Victor Allawi, Hatim Dong, Fang Neri, Bruce
Vener, Tatiana

<120> Nucleic Acid Accessible Hybridization Sites

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<141> 2001-06-15

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<170> PatentIn version 3.0

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<400> 99
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<210> 104 <211> 87 <212> DNA <213> Artificial <220> <223> Synthetic

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<400> 106
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<210> 109 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (9)..(10) <223> The residues at these
 positions are spacers with abasic sugar lab
 els.

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<400> 110
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<210> 111 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 111
 cagaccgcgc acagcggg 18

<210> 112 <211> 17 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 112
 gctcacgata ccccgac 17

<210> 113 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 113
 tgctcacgat accccgac 18

<210> 114 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

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<210>	116	<211>	18	<212>	DNA	<213>	Artificial	<220>	<223> Synthetic
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ctcacgt	ctca								18
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tccttg	tcct								13

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

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<210> 132 <211> 26 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

<400> 132
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<210> 133 <211> 30 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(30) <223> The residue at this position can be any nucleotide.

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<400> 134
ttttccaacc ttaa 14

<210> 135 <211> 22 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(22) <223> The residue at this position can be any nucleotide.

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<210> 136 <211> 26 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

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<210> 137 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

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gtagtctac cttta 14

<210> 138 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

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ttaaggttgg aaaa 14

<210> 139 <211> 24 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

<400> 139
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<210> 140 <211> 21 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(1) <223> The residue at this 5' end has a tetrachlorofluorescein label.

<400> 140
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<210> 141 <211> 987 <212> RNA <213> Artificial <220> <223> Synthetic

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gaaacgauga aaauaacaag uuauaucuug gcuuuucagc ucugcaucgu uuuggguucu 180
cuuggcuguu acugccagga ccgauaugua caagaagcag aaaaccuuua gaaauuuuuu 240
aaugcagguc auucagaugu agcggauaa ugaacucuuu ucuuaggcau uuugaagaau 300
uggaaagagg agagugacag aaaaauaaug cagagccaaa uugucuccuu uuacuucaaa 360
cuuuuuuuuu acuuuuuaga ugaccagagc auccaaaaga guguggagac caucaaggaa 420
gacaugaau ucaaguuuuu caauagcaac aaaaagaaac gagaugacuu cgaaaagcug 480
acuaauuuuu cgguuacuga cuugaauugc caacgcaaag caauacauga acucauccaa 540
gugauggcug aacugucgcc agcagcuaaa acagggaagc gaaaaaggag ucagaugcug 600
uuucgagguc gaagagcauc ccaguaauug uuguccugcc uacaauuuuu gaauuuuuuu 660
ucuaaaucua uuuaauuaa uuuaacauua uuuaauuggg gaauauuuuu uuagacucau 720
caucaaaua aguauuuua auagcaacuu uuguguaau aaaaugaaua ucuaauuaa 780

uanguauuau uuauaaauucc uauauccugu gacugucuca cuuaauccuu uguuuucuga 840
 cuaauuaggc aaggcuau guuuacaagg cuuuauca ggggccaacu aggcagccaa 900
 ccuaagcaag aucccauggg uuguguguuu auuucacuug augauacaau gaacacuuau 960
 aagugaagug auacuaacca guuacua 987

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<210> 143 <211> 589 <212> RNA <213> Oryctolagus cuniculus

<400> 143
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 aaguuggugg ugaggcccug ggcaggcugc ugguugucua cccauggacc cagagguucu 180
 ucgaguccuu uggggaccug uccucugcaa augcuguuau gaacaauccu aaggugaagg 240
 cucauggcaa gaaggugcug gcugccuua gugagggucu gagucaccug gacaaccuca 300
 aaggcaccuu ugcuaagcug agugaacugc acugugacaa gcugcacgug gauccugaga 360
 acuucaggcu ccugggcaac gugcugguua uugugcuguc ucaucauuuu ggcaaagaau 420
 ucacuccuca ggugcaggcu gccuaucaaga aggugguggc ugguguggcc aaugcccugg 480
 cucacaaaua ccacugagau cuuuuuuccu cugccaaaaa uuauggggac aucaugaagc 540
 cccuugagca ucugacuucu ggcuaauaaa ggaaauuuau uuucauugc 589

<210> 144 <211> 2891 <212> DNA <213> Homo sapiens

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 ccaggacctg gcaatgccca gacatctgtg tccccctcaa aagtcacctt gccccgggga 180
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<210> 154 <211> 74 <212> DNA <213> Artificial <220> <223> Synthetic

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<210> 158 <211> 1621 <212> RNA <213> Human immunodeficiency virus

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gugacucugg uaacuagaga ucccucagac ccuuuuaguc aguguggaaa aucucuagca 180
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gacucggcucu gcugaagcgc gcacggcaag aggcgagggg cggcgacugg ugaguacgcc 300
aaaaauuuug acuagcggag gcuagaagga gagagauggg ugcgagagcg ucaguauuaa 360
gcggggggaga auuagaucga ugggaaaaaa uucgguuuag gccaggggga aagaaaaau 420
auaaaauaaa acauauagua ugggcaagca gggagcuaga acgauucgca guuaauccug 480
gccuguuaga acaucagaa ggcuguagac aaauacuggg acagcuacaa ccaucccuuc 540
agacaggauc agaagaacuu agaucauuau auauuacagu agcaaccuc uauuguguc 600
aucaaaggau agagauaaaa gacaccaagg aagcuuuaga caagauagag gaagagcaaa 660
acaaaaguaa gaaaaaagca cagcaagcag cagcugacac aggacacagc aaucagguca 720
gccaaaauua ccuauuagug cagaacaucc aggggcaaaau gguacaucag gccauaucac 780
cuagaacuuu aaugcaugg guaaaaaguag uagaagagaa ggcuuucagc ccagaaguga 840
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g 1621

<210> 159 <211> 1771 <212> RNA <213> Human immunodeficiency virus

<400> 159

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gaaguaauac	cacuaacaga	agaagcagag	cuagaacugg	cagaaaacag	agagauucua	180
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gaucaaaug	aaucagaguu	agucaaucaa	auaaauagagc	aguuaauaaa	aaaggaaaag	840
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1771

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gaaaugcaug gaucucuaag gaaacaaaca cccaauaaac ucggaguggc agacugacaa 180

cugugagaca ugcacuugcu acgaaacaga aauuucaugu ugcacccuug uuucuaacc 240

uguggguuau gacaaagaca acugccaaag aaucuucaag aaggaggacu gcaaguauau 300

cgugguggag aagaaggacc caaaaaagac cuguucuguc agugaaugga uaaucuaaag 360

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